

## IN THE CLAIMS

1 (Currently Amended). A method comprising:

receiving a request for a portion of a file system by a client;  
upon an initial connection to a network, accessing a first portion of a file system  
from a server and storing said first portion in non-volatile memory;  
receiving a request for a second portion of a file system after said initial  
connection;

identifying whether the second portion is stored in said non-volatile memory; a  
first location associated with portions of the file system that have been previously stored by the  
client; and

if not, determining whether the second portion is stored in a volatile storage  
second location associated with portions of the file system that were multicast streamed to the  
client by a server[.]; and

if not, retrieving the second portion from the server in a multicast operation.

Claim 2 (Canceled).

3 (Original). The method of claim 1, wherein identifying further comprises associating portions of the file system used by the client during start-up with the first location.

4 (Original). The method of claim 1, wherein determining further comprises associating the second location with portions of the file system that were streamed to the client using a multicast operation.

5 (Original). The method of claim 3, wherein associating further comprises:  
monitoring accesses to a plurality of portions of the file system during start-up;  
retrieving the plurality of portions from the file system; and  
storing the plurality of portions in the first location.

6 (Original). The method of claim 4, wherein associating further comprises:  
retrieving a plurality of portions from the file system using multicasting, and  
storing the plurality of portions in the second location.

7 (Original). The method of claim 1, further comprising waiting for the portion to be  
streamed to the client if not stored in the second location.

8 (Currently Amended). A system including:

a processor;

a non-volatile memory coupled to said processor;

a volatile memory coupled to said processor; and

a storage medium including a software program that, upon execution:

upon an initial connection to a network, accesses a first portion of a file system  
from a server and storing said first portion in the non-volatile memory, receives a request for a  
second portion of a file system after said initial connection, identifies whether the second portion  
is stored in the non-volatile memory and, if not, determining whether the second portion is stored  
in the volatile memory and, if not, retrieving the second portion from the server in a multicast  
operation.

~~scans a first location associated with portions of a file system that have  
been previously stored by the system; and~~

~~scans a second location associated with portions of the file system that  
have been streamed to the system by a server.~~

Claim 9 (Canceled).

10 (Currently Amended). The system of claim [[9]] 8, wherein the non-volatile  
storage medium is a flash memory device.

Claim 11 (Canceled).

12 (Currently Amended). The system of claim [[11]] 8, wherein the volatile storage medium is a memory device.

13 (Original). The system of claim 9, wherein the first location comprises portions of the file system used by the client at start-up.

Claim 14 (Canceled).

15 (Original). The system of claim 9, wherein the software program, upon execution, retrieves the portion from the server if not stored in the second location.

16 (Original). The system of claim 14, wherein the contents of the second location are procured as a background operation.

17 (Currently Amended). An article comprising a medium storing instructions that cause a processor-based system to:

upon an initial connection to a network, access a first portion of a file system from a server and storing said first portion in non-volatile memory;

receive a request for a second portion of a file system after said initial connection;

identify whether the second portion is stored in the non-volatile memory;

if not, determine whether the second portion is stored in a volatile storage associated with portions of the file system that were multicast to the client by a server; and

if not, retrieve the second portion from the server in a multicast operation.

receive a request for a portion of a file system by the processor-based system;

identify whether the portion is stored in a first location associated with portions of the file system that have been previously stored by the processor-based system; and

if not, determine whether the portion is stored in a second location associated with portions of the file system that were streamed to the processor-based system.

18 (Original). The article of claim 17, wherein the medium storing instructions is a flash memory device.

19 (Original). The article of claim 17, further storing instructions that cause the processor-based system to retrieve the portion from a server if not stored in the second location.

Claims 20 and 21 (Canceled).

22 (Original). The article of claim 17, further storing instructions that cause the processor-based system to determine the contents of the first location by monitoring access of the file system during a predetermined time period.

23 (Original). The article of claim 22, wherein the instructions that cause the processor-based system to determine the contents of the first location by monitoring access of the file system during a predetermined time period are executed once.

24 (Original). The article of claim 17, further storing instructions that cause the processor-based system to:

determine whether the portion will be stored in the second location within an allotted time period; and

retrieve the portion from a server if not stored in the second location within the allotted time period.